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(REV 8-83)

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0492611-0289

Serial No.
08/969,302

Applicant Bawendi, *et al.*

Filing Date
Nov. 13, 1997

Group
173

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**Supplemental
Information Disclosure Citation**

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
hl	5,505,928	Apr. 9, 1996	Alivisatos, <i>et al.</i>	423	299	<u> </u>
hl	5,525,377	Jun. 11, 1996	Gallagher, <i>et al.</i>	427	512	<u> </u>
hl	5,751,018	May 12, 1998	Alivisatos, <i>et al.</i>	257	64	<u> </u>

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
hl	98/19963	May 14, 1998	WO	<u> </u>	<u> </u>	<u> </u>	<u> </u>

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

hl	Rajh, <i>et al.</i> , "Synthesis and Characterization of Surface-Modified Colloidal CdTe Quantum Dots," <i>J. Phys. Chem.</i> 97:11999-12003, Nov. 1993.	
hl	Lawless, <i>et al.</i> , "Bifunctional Capping of CdS Nanoparticles and Bridging to TiO ₂ ," <i>J. Phys. Chem.</i> 99:10329-10335, 1995.	
hl	Gan, <i>et al.</i> , "Enhanced Photoluminescence and Characterization of Mn-Doped ZnS Nanocrystallites Synthesized in Microemulsion," <i>Langmuir</i> 1997(13):6427-6431, 1997.	
hl	Kuno, <i>et al.</i> , "The band edge luminescence of surface modified CdSe nanocrystallites: Probing the luminescing state," <i>J. Chem. Phys.</i> 106(23):9869-9882, June 1997.	

Examiner

H.T. Le

Date Considered

8/5/99

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Form PTO-1449
(REV. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket
MIT 7771

Serial No.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant:
Bawendi et al.

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11/13/97

Group
1773

71058 U.S. PTO
08/969302



U. S. PATENT DOCUMENTS

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Examiner's Initials	U.S. Patent No.	Applicant	Issue Date

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

Examiner's
Initials

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, Etc.)

nh	Masumoto et al. "Preparation of Monodisperse CdS Nanocrystals by Size Selective Photocorrosion" <i>J. Phys. Chem.</i> 100 (32):13782 (August 1996)
	Colvin et al. "Light-Emitting Diodes Made from Cadmium Selenide Nanocrystals and a Semiconducting Polymer" <i>Nature</i> 370 :354 (August 1994)
	B.O. Dabbousi and M.G. Bawendi "Electroluminescence from CdSe Quantum-Dot/Polymer Composites" <i>Appl. Phys. Lett.</i> 66 (11):1316 (March 1995)
	Kortan et al. "Nucleation and Growth of CdSe on ZnS Quantum Crystallite Seeds, and Vice Versa, in Inverse Micelle Media" <i>J. Am. Chem. Soc.</i> 112 :1327 (1990)
	Nirmal et al. "Fluorescence Intermittency in single Cadmium Selenide Nanocrystals" <i>Nature</i> 383 :802 (October 1996)
	Murray et al. "Synthesis and Characterization of Nearly Monodisperse CdE (E = S, Se, Te) Semiconductor Nanocrystallites" <i>J. Am. Chem. Soc.</i> 115 :8706 (1993)
	Empedocles et al. "Photoluminescence Spectroscopy of Single CdSe Nanocrystallite Quantum Dots" <i>Phys. Rev. Lett.</i> 77 (18):3873 (October 1996)
	M.A. Hines and P. Guyot-Sionnest "Synthesis and Characterization of Strongly Luminescing ZnS-Capped CdSe Nanocrystals" <i>J. Phys. Chem.</i> 100 :468 (January 1996)
nh	A.P. Alivisatos "Perspectives on the Physical Chemistry of Semiconductor Nanocrystals" <i>J. Phys. Chem.</i> 100 :13226 (August 1996)

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				Filing Date: 11/13/97	Group 1773
Danek et al. "Synthesis of Luminescent Thin-Film CdSe/ZnSe Quantum Dot Composites Using CdSe Quantum Dots Passivated with an Overlay of ZnSe" <i>Materials</i> 8(1):173 (January 1996)					
EXAMINER H.T. Le			DATE CONSIDERED 05/99		
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